

[CIRCUIT AND METHOD OF DECOM- PRESSING IMAGE]

Abstract

A circuit and a method of decompressing images are disclosed. The data amount of image is greatly increased after decompressing in an image decompressing circuit. Therefore, while a compressed image picture is received, a syntax or semantics pre-check is executed by the variable length decoding unit. The result of the pre-check is used to determine either to reload the compressed image or abort it. The result is also used to determine whether the decoded image data requires to be sent to an image picture recovery unit for performing further operations such as inverse quantization, inverse discrete cosine transform and motion compensation.